


Organisation ID: E10264928	Full name: European Centre for Emerging Competencies and Technologies LTD	Country: CYPRUS	Type: NON-PROFIT ORGANISATION Registration no HE413115
		https://eect.eu/	

Administrative data

Organisation name	European Centre for Emerging Competencies and Technologies
Organisation short name (abbreviation)	ECECT
PIC number	891986684
Organisation ID	E10264928
VAT Registration Number	CY10413115X
Department name (if applicable)	
Street address of organisation	176 Athalassas Avenue, Office 402, Strovolos P.O. BOX: 16091
Town	Nicosia
Postcode	2025
Country	Cyprus
Website	https://www.eect.eu/
Phone	+357-96520112
Legal Representative name	George Georgiou
Legal Representative email address	george.g@eect.eu
Sex	Male
Position in the organization	Director
Contact person name	Maria Kyprianou
Contact person email address	eect.projects@gmail.com
Sex	Female
Position in the organisation	Project Manager

Company profile

ECECT (European Centre of Emerging Competencies and Technologies) is a non-profit organization, founded in 2020 and established in Cyprus (European Union). ECECT focuses on emerging competencies and technologies while aiming to bridge the gap between academia and industry. The organization prioritizes education, skills, and competencies essential for today's demanding world.

ECECT specializes in **STEM** (Science, Technology, Engineering, Mathematics) and provides targeted training for both younger and older generations. The organization's **main interests include environmental sustainability, robotics, and emerging technologies, all aimed at fostering overall societal improvement.**

ECECT utilizes the open-source online education platform (www.class365.eu) to reach a larger audience, including those who might face difficulties attending traditional training and educational sessions.

Another significant initiative is the AMBASSADOR's program, which designates contact persons in various countries to exchange experiences, contacts, and valuable information. ECECT is supported by multiple organizations, including private businesses, educational institutions, research centers, and more.

ECECT MAIN GOALS:

- Act as a bridge between academia and industry, by offering training for emerging technologies within the industry.
- Co-organize events related to emerging technologies and competencies.
- Co-organize events aiming to foster new technologies for the younger generation such as robotics competitions and hackathons.
- Disseminate through the ambassador's various initiatives and related events.
- Collaborate with industry and academia for projects related to emerging technologies.
- Act as an online training CENTRE for emerging technologies.

ONGOING PROJECTS:

- **FinaLY (KA210-YOU):** is a project, which aims to enhance the financial literacy of young adults through tailored educational resources and workshops. <https://finalyproject.eu/>
- **DigiFABS (EU Erasmus Partnerships for Innovation Alliances):** is a project that aims to foster digital, resilience, and innovation skills to optimize the management of digital transformation in small and middle-sized Enterprises (SMEs) in the F&B processing sector. <https://digifabs.eu/>
- **DITEC (KA220-HED):** aims to develop and pilot innovative IT teaching methodologies, create a user-centered intensive course, and strengthen academia-industry-end-user collaboration. This will improve student motivation, retention, and employability while supporting faculty development and ensuring Europe's competitiveness in the digital era. www.ditec.taltech.ee
- **RoboXR** (under project MASTER (grant agreement Nr. 101093079): Our mission is to transform how people learn robotic machine tending by combining industrial realism with accessible XR-based training, by building an immersive, hands-on experience that allows learners to configure, control, or troubleshoot robotic arms within a safe, virtual environment.

COMPLETED PROJECTS:

- **Sustain4Rural (KA210-ADU):** Its goal was to train farmers and other individuals, living in rural/underserved areas of Cyprus and Crete with the purpose of informing and consulting them about green practices and advanced technologies they may use in their farming jobs.
- **Cities Going Green (KA220-SCH):** Application for the Development of a Smart and Green City (Erasmus+, KA2) aimed to cultivate environmental consciousness for students of ages 10-12, through environmental education, STEM education and gamification.
- **BETES (KA210-VET):** goal was to train unemployed or underemployed individuals, and generally, individuals who want to be retrained on various emerging technologies (AI, Data Analytics, Robotics, IoT, AR/VR) and obtain new skills (Soft skills such as communication, leadership, time management etc.) in Cyprus, Greece, and Malta. BETES Project received a score of 90/100 and has been flagged as a good practice.
- **ReSTELA (KA210-SCH):** goal is to allow remote access to multiple STEM labs to teachers and students, especially those in remote areas. Partners from Cyprus, Italy, and Estonia developed an online platform, a toolkit on its use and host training sessions in various robots (Arduino, Micro:bit, DexArm, NAO Humanoid Robot, Ohmni Telepresence robot) for teachers and performed pilot sessions for students.
- **ReSENSE (KA210-VET):** is a project whose goal is to provide vocational education and training to unskilled professionals and newcomers to the job market on remote sensing technologies. Partners from Cyprus and Greece will develop an online platform, develop educational material and host hybrid training sessions for topics such as internet of things, information and communication technologies and data analysis, especially in the context of environmental applications. <https://resenseproject.eu/>
- **VR4BEES:** is a project under XR4ED project, which leverages VR technology to create immersive educational experiences, bringing the fascinating world of bees into classrooms. <https://vr4bees.eu/>

BRIEF DESCRIPTION OF THE KEY STAFF:

George Georgiou is the CEO of ECECT

Mechatronics engineer (mechanical + electrical) and PhD (CAND) Computer Science, with more than 25 years' experience in the fields of sensors, wireless sensor networks, automation, automated image processing, mapping and visualizing data, machine design, and retrofitting of existing equipment. He has also worked on projects related to IoT, smart agriculture, smart cities, Cloud applications + IoT. George has a passion for using computing and Internet-related Technologies (ICT) as a tool to solve problems that need an innovative approach and solution.

Before founding Novatex in 1999 he has worked as a researcher (1995) for MRI (Manchester Royal Infirmary) (Anaesthesiology department), as a full-time lecturer at Frederick University, and later on worked in positions related to hospital and analytical and environmental equipment and supplies. George is also a member of CAMBPE (Cyprus Association of Medical Physics and BioMedical Engineering)

He is also the coordinator of the European Robotics Week in Cyprus and president of the scientific committee of the largest robotics competition in Cyprus with more than 500 robots

- Participating in many advisory boards and committees (Cyprus Science and Research Centre, and many ERASMUS plus projects)
- Founder of novatexsolutions.eu
- Co-founder and secretary of the Cyprus Association of Research and Innovation Enterprises (carie.eu)
- Founder of Cyprus Robotics – promoting robotics and stem education
- Mentor of ARIS – Deloitte Innovation Center in Cyprus
- Judge for dozens of startup/entrepreneurship events in Cyprus
- Mentor for techstars / startup weekend.
- Participated dozens of times in committees (ministry of commerce, economy other) and also parliament committees related to innovation, entrepreneurship, emerging technologies/AI
- Appeared and interviewed many TV and Radio programs/newspapers with topics related to innovation/entrepreneurship/stem education and robotics.

Foteini Georgiou (Research Engineer)

Foteini holds a BSc in Electrical and Electronic Engineering and an MSc in Robotics. Foteini has experience in computer programming (especially C programming language) and 3D design and simulation, as well as embedded systems (Arduino) and electronics. She also has experience in drones and has been involved in research projects related to digital skills as well as sustainability. She also has some experience in project management.

Maria Kyprianou (Project Manager)

Maria holds a BSc in Business and Public Administration from UCY, specializing in management, and a Master's in Green and Digital Management from UoL. She also has a certificate in social media, highlighting her expertise in digital marketing and online communication. Her entrepreneurial drive is demonstrated through her certification from the C4E (Center for Entrepreneurship) of UCY, reflecting her passion for innovation and business development.

Giorgos Hadjiandreou (Project Manager)

Giorgos holds a BSc in Business and Public Administration from UCY, specializing in management, and a Master's in Green and Digital Management from the UoL. As part of his studies, he has worked on subjects such as Digital Marketing, Digital Business Tools, and Marketing Management. In these courses, he developed comprehensive digital transformation strategies for mid-sized traditional businesses, focusing on modernizing its operations and gaining a competitive edge in the market.

RELEVANT PUBLICATIONS events

1. Co-author – Advanced in Intelligent systems and computing chapter Robotics in Education: Current Research and Innovations (Springer)
2. ERACON 2019 organized by European Association of Erasmus Coordinators (EAEC) - Presentation of WEXHE project
3. ERACON 2019 European Association of Erasmus Coordinators (EAEC) – Presentation of co-create to learn project
4. Co-author - SPIE Digital Library "Bridging the skills gap in remote sensing and GIS: insights from the ReSENSE project" (Proceedings Volume 13816, Eleventh International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2025); 138161T (2025) <https://doi.org/10.1117/12.3075521>)

RELEVANT PROJECTS (or activities):

1. WEXHE - Integrating Entrepreneurship and Work Experience into Higher Education www.wexhe.eu
2. cocreate2learn.eu - Boosting Employability and Entrepreneurship via Centres of Learning and Co-operative Creativity
3. Co-founder of Yubiz.org - online platform aiming to promote and support youth entrepreneurship.
4. Coordinator of <https://www.unite4horizon.eu/> ERASMUS+ Project
5. Coordinator of <https://sustain4rural.eu/> Erasmus + Project
6. Partner for Cities Going Green project <https://citiesgoinggreen.projectsgallery.eu/>
7. Coordinator of <https://betesproject.eu/> ERASMUS+ project
8. Coordinator of <https://restela.eu/> ERASMUS+ project
9. Coordinator of <https://resenseproject.eu/> ERASMUS+ project
10. Partner for DIGIFABS project <https://digifabs.eu/>
11. Coordinator of <https://finalyproject.eu/> ERASMUS+ project
12. Partner for VR4BEES project <https://vr4bees.eu/>
13. Partner for DITEC www.ditec.taltech.ee Erasmus+ project
14. Coordinator RoboXR project

DESCRIPTION OF THE MAJOR INFRASTRUCTURES AND EQUIPMENT:

- Servers that can host educational material (Moodle, BigBlueButton etc)
- Host websites and disseminate through social media
- Robotics (DexArm, Arduino, Micro:bit etc. /Electronics)
- Online Educational Platform <https://class365.eu/>